



Atty. Dkt. No. 040302-0579

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hirofumi YASUDA et al.
Title: CATALYST POWDER, EXHAUST
GAS PURIFYING CATALYST, AND
METHOD OF PRODUCING THE
CATALYST POWDER
Appl. No.: 10/586,533
International Filing Date: 2/8/2005
371(c) Date: 7/19/06
Examiner: Cam N. NGUYEN
Art Unit: 1793
Confirmation Number: 6031

TERMINAL DISCLAIMER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Your Petitioner, NISSAN MOTOR CO., LTD., having its principal place of business at 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken 221-0023 Japan, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/586,533, filed July 19, 2006, which is a national stage application of PCT/JP2005/002195, filed February 8, 2005, by virtue of an Assignment filed and recorded on July 19, 2006, on Reel/Frame 018130/0726, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A. Further, your Petitioner represents that it is the owner of U.S. Patent Application No. 11/079,270, filed March 15, 2005, by virtue of an Assignment filed and recorded on March 15, 2005, on Reel/Frame 016385/0893, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX B;

02/19/2009 JADD01 00000040 10586533

01 FC:1814

140.00 OP

U.S. Patent Application No. 11/079,377, filed March 15, 2005, by virtue of an Assignment filed and recorded on March 15, 2005, on Reel/Frame 016387/0313, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX C;

U.S. Patent Application No. 11/722,275, filed June 20, 2007, by virtue of an Assignment filed and recorded on June 21, 2007, on Reel/Frame 019464/0905, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX D;

U.S. Patent Application No. 11/578,295, filed October 13, 2006, by virtue of an Assignment filed and recorded on October 13, 2006, on Reel/Frame 018441/0713, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX E;

U.S. Patent Application No. 10/589,890, filed August 18, 2006, by virtue of an Assignment filed and recorded on August 18, 2006, on Reel/Frame 018228/0227, in the United States Patent and Trademark Office, a copy of the Notice of Recordation of Assignment Document of which is attached hereto as APPENDIX F;

U.S. Patent Application No. 10/584,346, filed June 23, 2006, by virtue of an Assignment filed and recorded on June 23, 2006, on Reel/Frame 018072/0499, in the United States Patent and Trademark Office, a copy of the Notice of Recordation of Assignment Document of which is attached hereto as APPENDIX G; and

U.S. Patent Application No. 10/584,243, filed June 23, 2006, by virtue of an Assignment filed and recorded on June 23, 2006, on Reel/Frame 018035/0526, in the United States Patent and Trademark Office, a copy of the Notice of Recordation of Assignment Document of which is attached hereto as APPENDIX H.

Your Petitioner, NISSAN MOTOR CO., LTD., hereby disclaims the terminal part of the term of any patent granted on U.S. Patent Application 10/586,533 which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275,

11/578,295, 10/589,890, 10/584,346 or 10/584,243 and hereby agrees that any patent so granted on U.S. Patent Application 10/586,533 shall be enforceable only for and during such period that the legal title to any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243; shall be the same as the legal title to any patent granted on U.S. Patent Application 10/586,533, this agreement to run with any patent granted on U.S. Patent Application 10/586,533 and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on U.S. Patent Application 10/586,533, prior to the full statutory term of any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243 as defined in 35 U.S.C. §§154-156 and 173, in the event that any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243 expire for failure to pay a maintenance fee, are held unenforceable or are found invalid in a final judgment by a court of competent jurisdiction, are statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), have all claims canceled by a reexamination certificate or as a result of an interference proceeding, or are otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243, as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on U.S. Patent Application 10/586,533 that would extend beyond the present termination of any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243 in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on U.S. Patent Application 10/586,533 to the extent provided by law.

The undersigned, being the Attorney of Record for U.S. Patent Application 10/586,533, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed

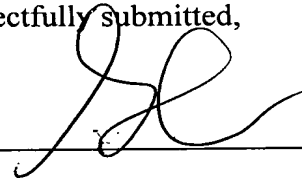
the Assignments or Notice of Recordation of Assignment Documents attached as APPENDICES A-H, and to the best of his knowledge and belief, legal title to U.S. Patent Application 10/586,533 and any patents granted on U.S. Patent Applications 11/079,270, 11/079,377, 11/722,275, 11/578,295, 10/589,890, 10/584,346 or 10/584,243 rests with Petitioner, NISSAN MOTOR CO., LTD.. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Respectfully submitted,

Date

2/18/09

By



FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5426
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Glenn Law
Attorney for Applicant
Registration No. 34,371

Thomas G. Bilodeau
Attorney for Applicant
Registration No. 43,438

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 17, 2006

PTAS



103283648A

GLENN LAW
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET NW, SUITE 500
WASHINGTON, D.C. 20007-5143UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/19/2006

REEL/FRAME: 018130/0726
NUMBER OF PAGES: 3BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0579ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 06/16/2006

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 06/16/2006

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 06/16/2006

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 06/16/2006

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 06/16/2006

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 06/16/2006

018130/0726 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

221-0023

SERIAL NUMBER: 10586533

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF
PRODUCING THE CATALYST POWDER

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

07-31-2006

To the Director of the United States Patent and Trademark Office: Please record th

1. Name of conveying party(ies):

Hirofumi YASUDA
Katsuo SUGA
Masanori NAKAMURA
Hironori WAKAMATSU
Kazuyuki SHIRATORI
Toru SEKIBA

7-19-06

2. Name and:

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa-ken 221-0023 Japan

103283648

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

06/16/06

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

06/16/06

A. Patent Application Number(s):

Unassigned

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Glenn Law
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street NW, Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Check Enclosed
☒ Authorized to be charged to credit card
Authorized to be charged to deposit account

8. Payment Information

a. Credit Card Last 4 Numbers 9003
Expiration Date 11/30/2008
b. Deposit account number 19-0741
Authorized User Name

07/26/2006 MKAYPAGH 00000056 10586533

04 FC:8021

40.00 DP

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Glenn Law

Name of person signing

Signature

July 19, 2006

Date

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2005/002195 Filed February 8, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 6/16/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 6/16/2006
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 6/16/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 6/16/2006
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 6/16/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 6/16/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

EXHIBIT B



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 11, 2005

PTAS



102966868A

RICHARD L. SCHWAAB
FOLEY & LARDER LLP
WASHINGTON HARBOUR
3000 K STREET, N.W, SUITE 500
WASHINGTON, DC 20007-5143

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/15/2005

REEL/FRAME: 016385/0893
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0476

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 01/17/2005

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 01/17/2005

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 01/17/2005

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 01/17/2005

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 01/17/2005

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 01/17/2005

ASSIGNEE:

NISSAN MOTOR, CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKAHAMA-SHI, KANAGAWA-KEN, JAPAN

SERIAL NUMBER: 11079270

FILING DATE: 03/15/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF
PRODUCING THE CATALYST POWDER

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

REC

03-25-2005



102966868

HEET

To the Director of the United States Patent

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Hironori WAKAMATSU
Masanori NAKAMURA
Kazuyuki SHIRATORI
Hirofumi YASUDA
Katsuo SUGA
Toru SEKIBA

2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa-ken Japan



Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

January 17, 2005

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

January 17, 2005

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved:

1

7. Total fee (37 C.F.R. § 3.41):

\$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number:

19-0741

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Richard L. Schwaab

March 15, 2005

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

03/17/2005 SSITHIB1 00000008 11079270

05 FC:8021

(40.00 OP)

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER*

as set forth in this United States Patent Application

check one ☒ executed concurrently herewith
☐ executed on _____
☐ Serial No. _____ Filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 1/17/2005
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 1/17/2005
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 1/17/2005
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 1/17/2005
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 1/17/2005
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 1/17/2005
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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EXHIBIT C



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 11, 2005

PTAS



102966563A

RICHARD L. SCHWAAB
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET, N.W., SUITE 500
WASHINGTON, D.C. 20007-5143

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 03/15/2005

REEL/FRAME: 016387/0313
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0474

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 02/03/2005

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 02/03/2005

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 02/03/2005

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 02/03/2005

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 02/03/2005

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 02/03/2005

016387/0313 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA, JAPAN

SERIAL NUMBER: 11079377

FILING DATE: 03/15/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, METHOD OF PRODUCING THE CATALYST POWDER, AND
EXHAUST GAS PURIFYING CATALYST

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, METHOD OF PRODUCING THE CATALYST POWDER,
AND EXHAUST GAS PURIFYING CATALYST**

as set forth in this United States Patent Application

check one ☒ executed concurrently herewith
☐ executed on _____
☐ Serial No. _____ Filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: <i>03/2/2005</i>
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: <i>3/2/2005</i>
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: <i>3/2/2005</i>
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: <i>3/2/2005</i>
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: <i>3/2/2005</i>
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: <i>03/2/2005</i>
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

3-15-05



To the Director of the United States Patent

102966563

ached original documents or copies thereof.

1. Name of conveying party(ies):

Kazuyuki SHIRATORI
Toru SEKIBA
Katsuo SUGA
Masanori NAKAMURA
Hironori WAKAMATSU
Hirofumi YASUDA

2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa-ken Japan

112963 U.S. PTO
11/079377

031305

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

February 3, 2005

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: February 3, 2005

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Richard L. Schwaab

March 15, 2005

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

03/17/2005 HTECKLU1 00000030 11079377

06 FC:8021

(40.00 DP)

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, METHOD OF PRODUCING THE CATALYST POWDER,
AND EXHAUST GAS PURIFYING CATALYST**

as set forth in this United States Patent Application

check one ☒ executed concurrently herewith
☐ executed on _____
☐ Serial No. _____ Filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 03/2/2005
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 3/2/2005
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 3/2/2005
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 3/2/2005
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 3/2/2005
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 03/2/2005
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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1942616



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Facsimile Transmission

To: Name: FOLEY & LARDNER LLP
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 Fax Number: 12026725399
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From: Name: ASSIGNMENT SERVICES BRANCH
 Voice Phone: 571-272-3350

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 25, 2007

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WASHINGTON, DC 20007***500300744A***UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 06/21/2007

REEL/FRAME: 019464/0905
NUMBER OF PAGES: 4BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0683

ASSIGNOR:

NAKAMURA, MASANORI

DOC DATE: 05/11/2007

ASSIGNOR:

SUGA, KATSUO

DOC DATE: 05/11/2007

ASSIGNOR:

WAKAMATSU, HIRONORI

DOC DATE: 05/11/2007

ASSIGNOR:

SHIRATORI, KAZUYUKI

DOC DATE: 05/11/2007

ASSIGNOR:

YASUDA, HIROFUMI

DOC DATE: 05/11/2007

TO: FOLEY & LARDNER LLP COMPANY: 3000 K STREET, N.W.

ASSIGNOR:
AOYAMA, MAKOTO

DOC DATE: 05/11/2007

019464/0905 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

SERIAL NUMBER: 11722275

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: EXHAUST GAS PURIFYING CATALYST AND METHOD OF PRODUCING EXHAUST GAS
PURIFYING CATALYST

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

06/21/2007
500300744

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Masanori NAKAMURA</td><td>05/11/2007</td></tr><tr><td>Katsuo SUGA</td><td>05/11/2007</td></tr><tr><td>Hironori WAKAMATSU</td><td>05/11/2007</td></tr><tr><td>Kazuyuki SHIRATORI</td><td>05/11/2007</td></tr><tr><td>Hirofumi YASUDA</td><td>05/11/2007</td></tr><tr><td>Makoto AOYAMA</td><td>05/11/2007</td></tr></tbody></table>		Name	Execution Date	Masanori NAKAMURA	05/11/2007	Katsuo SUGA	05/11/2007	Hironori WAKAMATSU	05/11/2007	Kazuyuki SHIRATORI	05/11/2007	Hirofumi YASUDA	05/11/2007	Makoto AOYAMA	05/11/2007
Name	Execution Date														
Masanori NAKAMURA	05/11/2007														
Katsuo SUGA	05/11/2007														
Hironori WAKAMATSU	05/11/2007														
Kazuyuki SHIRATORI	05/11/2007														
Hirofumi YASUDA	05/11/2007														
Makoto AOYAMA	05/11/2007														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>NISSAN MOTOR CO., LTD.</td></tr><tr><td>Street Address:</td><td>2, Takara-cho, Kanagawa-ku</td></tr><tr><td>City:</td><td>Yokohama-shi, Kanagawa-ken</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	NISSAN MOTOR CO., LTD.	Street Address:	2, Takara-cho, Kanagawa-ku	City:	Yokohama-shi, Kanagawa-ken	State/Country:	JAPAN						
Name:	NISSAN MOTOR CO., LTD.														
Street Address:	2, Takara-cho, Kanagawa-ku														
City:	Yokohama-shi, Kanagawa-ken														
State/Country:	JAPAN														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11722275</td></tr></tbody></table>		Property Type	Number	Application Number:	11722275										
Property Type	Number														
Application Number:	11722275														
CORRESPONDENCE DATA															
Fax Number: (202)672-5399 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 2026725300															
Email: cverret@foley.com															
Correspondent Name: Foley & Lardner LLP															
Address Line 1: 3000 K Street, N.W.															
Address Line 2: Suite 500															
Address Line 4: Washington, DISTRICT OF COLUMBIA 20007															
ATTORNEY DOCKET NUMBER:	040302-0683														
NAME OF SUBMITTER:	Glenn Law														

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U.S. Rights--Sole or Joint

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO.,LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *EXHAUST GAS PURIFYING CATALYST AND METHOD OF PRODUCING EXHAUST GAS PURIFYING CATALYST*

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
 ☐ executed on _____
 ☒ Serial No. PCT/JP2005/019992 Filed October 31, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/11/2007
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/11/2007
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/11/2007
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/11/2007
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/11/2007
Name: Makoto AOYAMA	Signature: <i>Makoto Aoyama</i>	Date: 5/11/2007
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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Patent Assignment Abstract of Title

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Total Assignments: 1

Patent #: NONE

Issue Dt:

Application #: 11578295

Filing Dt: 10/13/2006

Publication #: [20070244001](#)

Pub Dt: 10/18/2007

Inventors: Hironori Wakamatsu, Hirofumi Yasuda, Kazuyuki Shiratori, Masanori Nakamura, Katsuo Suga et al

Title: Catalyst, Exhaust Gas Purification Catalyst, and Method for Manufacturing Same

Assignment: 1

Reel/Frame: [018441/0713](#)

Recorded: 10/13/2006

Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: [WAKAMATSU, HIRONORI](#)

Exec Dt: 10/11/2006

[YASADA, HIROFUMI](#)

Exec Dt: 10/11/2006

[SHIRATORI, KAZUYUKI](#)

Exec Dt: 10/11/2006

[NAKAMURA, MASANORI](#)

Exec Dt: 10/11/2006

[SUGA, KATSUO](#)

Exec Dt: 10/11/2006

[SEKIBA, TORU](#)

Exec Dt: 10/11/2006

Assignee: [NISSAN MOTOR CO., LTD.](#)

2, TAKARA-CHO, KANAGAWA-KU

YOKOHAMA-SHI, KANAGAWA, JAPAN 221-0023

Correspondent: GLOBAL IP COUNSELORS, LLP

1233 TWENTIEHT STREET, NW

SUITE 700

WASHINGTON, DC 20036

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OMB No. 6514-0011(exp-4/94)

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1. Name of conveying party(ies):

**Hironori WAKAMATSU, Hirofumi YASADA,
Kazuyuki SHIRATORI, Masanori NAKAMURA,
Katsuo SUGA, Toru SEKIBA**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Nissan Motor Co., Ltd.
Internal Address:

Street Address: 2, Takara-cho, Kanagawa-ku

City: Yokohama-shi Prefecture: Kanagawa

Country: Japan Zip: 221-0023

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 10/11/06

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 10/11/06

A. Patent Application No.(s)

B. Patent No.(s)

PCT/IB2005/001906

10/20/2006 HKAYPAGH 00000057 11578295

04 FC:8021

40.00 OP

Additional Application numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Global IP Counselors, LLP
Internal Address:Street Address: 1233 Twentieth Street, NW
Suite 700

City: Washington State: D.C. ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) :...\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

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David L. Tarnoff

Name of Person Signing

Signature

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PATENT
REEL: 018441 FRAME: 0713

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

CATALYST, EXHAUST GAS PURIFICATION CATALYST, AND METHOD FOR MANUFACTURING SAME

as set forth in his/her United States Patent Application

() executed concurrently herewith

(X) PCT International Application No. PCT/IB2005/001906 Filed July 5, 2005

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Name: <u>Hironori Wakamatsu</u> Date: <u>10/11/2006</u>	Name: <u>Hirofumi Yasuda</u> Date: <u>10/11/2006</u>
Name: <u>Kazuyuki Shiratori</u> Date: <u>10/11/2006</u>	Name: <u>Masanori Nakamura</u> Date: <u>10/11/2006</u>
Name: <u>Katsuo Suga</u> Date: <u>10/11/2006</u>	Name: <u>Toru Sekiba</u> Date: <u>10/11/2006</u>

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RECORDED: 10/13/2006

PATENT
REEL: 018441 FRAME: 0714

EXHIBIT F



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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 11, 2006

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103298991A

GLENN LAW
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET NW, SUITE 500
WASHINGTON, D.C. 20007-5143

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RECORDATION DATE: 08/18/2006

REEL/FRAME: 018228/0227
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0582

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 05/09/2006

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 05/09/2006

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 05/09/2006

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 05/09/2006

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 05/09/2006

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 05/09/2006

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN 221-
0023
JAPAN

SERIAL NUMBER: 10589890

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF
PRODUCING THE CATALYST POWDER

SHIRLIE SIMON, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

RECC

08-29-2006

HEET

To the Director of the United States Patent

103298991

ached original documents or copies thereof.

1. Name of conveying party(ies):

Masanori NAKAMURA
Katsuo SUGA
Toru SEKIBA
Hironori WAKAMATSU
Kazuyuki SHIRATORI
Hirofumi YASUDA

2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa-ken 221-0023 Japan

Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

May 9, 2006

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

July 10, 2006

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Glenn Law
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street NW, Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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☐ Authorized to be charged to deposit account

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Expiration Date 11/30/2008
b. Deposit account number 19-0741
Authorized User Name

08/24/2006 LLANDGRA 00000025 10589890

05 FC:8021

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Glenn Law

Name of person signing

Signature

August 18, 2006

Date

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2005/002525 Filed February 10, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/9/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/9/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 5/9/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/9/2006
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/9/2006
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/9/2006
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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EXHIBIT G



1015

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 08, 2006

PTAS



103272371A

RICHARD L. SCHWAAB
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET NW, SUITE 500
WASHINGTON, D.C. 20007-5143

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 06/23/2006

REEL/FRAME: 018072/0499
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0572

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 05/12/2006

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 05/15/2005

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 05/12/2006

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 05/12/2006

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 05/12/2006

018072/0499 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI
KANAGAWA-KEN, JAPAN 221-0023

SERIAL NUMBER: 10584346

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: HEAT-RESISTIVE CATALYST AND PRODUCTION METHOD THEREOF

ANTIONE ROYALL, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

FORM PTO-1595 (modified)

07-11-2006

(Rev. 8-93)



103272371

U.S. DEPARTMENT OF COMMERCE

COVER SHEET / 584346 Patent and Trademark Office

ONLY #20 REC'D PTO 23 JUN 2006

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Kazuyuki SHIRATORI (05-12-2006)
 Katsuo SUGA (05-15-2006)
 Masanori NAKAMURA (05-12-2006)
 Hironori WAKAMATSU (05-12-2006)
 Hirofumi YASUDA (05-12-2006)

2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.
 2, Takara-cho, Kanagawa-ku
 Yokohama-shi, Kanagawa-ken 221-0023 Japan

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

See dates above

Additional name(s) & address(es) attached?

NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: May 12 and 15, 2006

A. Patent Application Number(s):

B. Patent Number(s):

10/584346

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard L. Schwaab
 FOLEY & LARDNER LLP
 Washington Harbour
 3000 K Street NW, Suite 600
 Washington, D.C. 20007-6143

6. Total number of applications/patents involved:

1

7. Total fee (37 C.F.R. § 3.41):

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Expiration Date 11/30/2008

b. Deposit account number 19-0741

Authorized User Name

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Richard L. Schwaab

June 23, 2006

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

07/05/2006 ATRN1 00000085 10584346
 04 FC:8021

40.00 OP

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *HEAT-RESISTIVE CATALYST AND PRODUCTION METHOD THEREOF*

as set forth in this United States Patent Application

check one

☐ executed concurrently herewith

☐ executed on

☒ Serial No. PCT/JP2004/018333 Filed December 2, 2004

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/12/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/15/2006
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/12/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/12/2006
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/12/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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EXHIBIT H



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 02, 2006

PTAS



103272319A

GLENN LAW
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET NW, SUITE 500
WASHINGTON, D.C. 20007-5143

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 06/23/2006

REEL/FRAME: 018035/0526
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 05/09/2006

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 05/09/2006

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 05/09/2006

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 05/09/2006

ASSIGNEE:
NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN 221-
0023
JAPAN

018035/0526 PAGE 2

SERIAL NUMBER: 10584243

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: POWDERY CATALYST, EXHAUST-GAS PURIFYING CATALYZER, AND POWDERY
CATALYST PRODUCTION METHOD

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

07-11-2006

FORM PTO-1595 (modified)

(Rev 6-83)



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10/584245

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1. Name of conveying party(ies):

**Masanori NAKAMURA
Hironori WAKAMATSU
Katsuo SUGA
Toru SEKIBA**

2. Name and address of receiving party(ies):

**NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa-ken 221-0023 Japan**

Additional conveying party(ies) **NO**

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

05/09/2006

Additional name(s) & address(es) attached? **NO**

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is: **05/09/2006**

A. Patent Application Number(s):

B. Patent Number(s):

10/584243

Additional numbers attached? **NO**

5. Name and address of party to whom correspondence concerning document should be mailed:

**Glenn Law
FOLEY & LARDNER LLP
Washington Harbour
3000 K Street NW, Suite 500
Washington, D.C. 20007-5143**

6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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7/05/2006 MKAYPAGH 00000087 10584243

4 FD:8021

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Glenn Law

Name of person signing

Signature

June 23, 2008

Date

Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and *NISSAN MOTOR CO., LTD.*
address of *of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*
assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of *POWDERY CATALYST, EXHAUST-GAS PURIFYING CATALYZER, AND POWDERY*
invention *CATALYST PRODUCTION METHOD*

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2004/018082

Filed November 29, 2004

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/9/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/9/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/9/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 5/9/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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